

**eVA/SCT Banner Integration Review  
DPS Forum Presentation  
December 7, 2004  
Meeting Notes**

**Schools/Agencies Represented:** College of William and Mary (CWM), George Mason University (GMU), Old Dominion University (ODU), Virginia Tech (VPI), College of William and Mary (CWM), University Mary Washington (UMW), Virginia Commonwealth University (VCU), and Department of General Services (DGS).

Meeting Agenda:

- 1 – Since Our Last Meeting?
- 2 – Plans For The Future
- 3 – Review of Functional Design
- 4 – Discussion
- 5 – Next Meeting With Group

**1. Since Our Last Meeting:**

- a. The meeting was opened by Marion Lancaster from DGS. There was a brief introduction, and a handout of the topics to be discussed was passed to the group.  
Marion mentioned that the eVA Integration Functional Design document (integration between eVA and the BizTalk message broker) has been verbally finalized. As soon as the approval of the official document is finalized, a copy will be posted on the eVA Technical page.
- b. CWM and DGS have been meeting on a weekly basis discussing functional issues between Banner and eVA. Several issues have been identified and documented.

**2. Plans For The Future:**

- a. Marion stated that CGI-AMS started working on the Integration Technical Design specification between eVA and the BizTalk message broker.
- b. DGS plans to have coding and test completed between AMS and BizTalk integration by March 2005.
- c. Testing between BizTalk and Banner (CWM) to start in March 2005.
- d. Tentative go live with the integration July 1, 2005, at the beginning of the new fiscal year, and dependent on further discussions with SCT.

**3. Review of Functional Design:**

Below are the highlights of the functional design review. For more detailed information, please see the handout that was provided by email and provided at the meeting by Marion Lancaster:

eVA Functional Design:

- i. eVA Key Bizness Assumptions:
  - All requisition and purchase order data except Attachments will be integrated
  - eMail will map to one generic eVA XML (BizTalk at Dept. of General Services)
  - BizTalk will map from eVA XML to one generic SCT Banner XML
- ii. eVA Order Integration Limits:
  - Pcard order transactions will be available the next day
  - Order confirmation transactions will be available the next day
- iii. eVA Integration events are managed at the BSO (BuysenseOrg) level

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- iv. eVA Error Handling:
  - The eMall Integration Signer Rule 1) inspects for 6 character ERP return code, 2) fires when ERP denied requisition is resubmitted by user, 3) inserts error correction workflow role
  - eVA history tab documents ERP approvals/denials with ERP message
  - Agency determines code values, routing, message

**Banner Assumptions – Without modification to current Banner APIs:**

- i. Banner can be setup to do Integration at the Requisition or Purchase Order point. If integration is done at the Requisition point, Banner receives the requisition transaction from eVA, takes over at that point and creates purchase orders. Banner would not accept integrated purchase orders from eVA. If the requisition is not created in Banner, pre-encumbrance does not occur through the integration. (It was decided by the group that Integration will be done at the Purchase Order point not Requisition).
- ii. Budget availability can happen at the Requisition or Order point, but the period must be open to complete the check. (It was decided by the group that Budget Validation happens at the point the Requisition is created in eVA).
- iii. POs are only created after confirming message is received from eVA.
- iv. Banner generates its own PO number. eVA PO number is stored in a separate field (Doc Ref Code). Doc Ref Code is available for lookup in the INB, but not in self-service.
- v. Banner does not have integration for Cancellations and Change orders.
- vi. Split accounting is done by line item only.

**4. Discussion Issues:**

These issues were discussed with the groups for response and input:

Issue #	Issues	Group Response/Input
1	How important is it that requisitions be created in Banner? Can encumbrances be handled manually for those that do not become PO's in a timely manner?	With the exception of VA Tech, no one is doing pre-encumbrance. Group decided it can be handled manually.
2	SCT Banner XML provides one 30 character field for USERID (used by Banner to validate the order's accounting distribution). Should we use the eVA login ID or email address and should it be the eVA Preparer (person logged in eMall entering the requisition) or the Requester (the on behalf of person)?	Group would like to receive the email address of the Requester (on behalf of person).
3	SCT Banner XML has one 9 character field for SUPPLIERID (SPRIDEN_ID). BizTalk can provide an option per university of whether to put the Vendor DUNS number or the TAX ID in that field. Should universities ask SCT to have separate fields for TAX ID and DUNS?	Left open.
4	How important is it to have eVA PO number stored in Banner PO number field? Is the Doc Ref Code an acceptable alternative?	Group feels it is a problem having the eVA PO number in a separate field. Have to manually do X-ref. Critical that the eVA

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		PO number be stored in Banner PO number field.
5	SCT Banner XML has a 6 character SHIPTOCODE. Should we use the eVA ShipTo Address ID or should we use the eVA ShipTo Address ERP X-Ref field (or should BizTalk provide an option for each university?)	Provide an option for each university.
6	Should ad hoc vendor orders be validated in Banner? Should these orders be rejected if the vendor does not exist in Banner? Note: Ad hoc vendors do not have a DUNS number. Banner cannot validate orders without a valid vendor id that already exists.	Send ad hoc vendor orders. Universities will decide what to do with them.
7	SCT XML has field for Transaction Date (required field) – the date on which the purchase order should be booked in the financial system. What date should be used? Is this the same for all institutions?	Need SCT assistance. TBD.
8	Pcard Order information will be available the next day. We will have an option per university on whether or not you want Pcard order info sent to you.	Group agreed.
9	SCT XML has a field for commodity code (10 positions). Should we use NIGP code, UNSPSC or provide an option per university?	Provide option.
10	SCT XML has a field for SupplierReferenceNumber (comment type field), with a definition that says “number of the agreement to which the purchase of the item should be associated”. Should this be the eVA Contract Number? Or the SupplierPartNumber? Other?	CWM would like the field to be populated with an eVA user defined field. Group agreed. DGS will provide universities with eVA user defined field available to be used. It will be the same field for all universities.
11	SCT XML has several cases where the field says that the value is an “Institution defined value”, such as Supplier Address Type (ex. Shipping, business location, etc.), Supplier StateorProvince, SupplierNation, and SupplierPhoneType. What should BizTalk use for these kinds of values?	CWM (Rachel Pace) will work with the universities to define common standard values for these fields.
12	What happens if a large dollar amount order is entered in eVA? (Note: eVA can handle higher amount than Banner)	The group feels Banner can handle the amount sent by eVA. Length of Banner amount field is a total of 12 positions with two decimals.
13	We are assuming United Nations Unit of Measure Codes.	Group understands.
14	eVA is not capturing W-9 Vendor information.	Group understands.
15	Some have asked about integrating	Group decided this is not an

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	vendor SWAM info. There are no SWAM fields in the SCT Banner XML. If we can make it available, should we use an unused field and pass S, W, M, or combinations in the one field?	issue since SWAM information is available on eVA vendor reports.
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- **Cancellation/Change Orders:**

Must have further discussions with SCT on handling cancellations and change orders.

Issue to be aware with cancellations, if payment has been made against a purchase order or there are receipts records, a purchase order cannot be cancelled in Banner.

**5. Next Meeting With Group:**

The group decided not to meet until the following steps happen:

- a. SCT is more involved with this project. SCT to provide a technical person who will be more active with the project and attend COVA/SCT meetings.
- e. CGI-AMS provides Integration technical specifications.

Prepared by Maria F. Hatcher

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